

Chemistry 9th Class English Medium Unit 6 Online Test

Sr	Questions	Answers Choice
1	Which compound is used a thinner in paint industry?	A. H ₂ O B. C ₂ H ₅ OH C. CH ₃ COOC ₂ H ₅ D. CH ₃ COOH
2	How much heat absorbed when NH ₃ decomposed into N ₂ and H ₂ ?	A. 90.4 kJ/mol B. 92.4 kJ/mol C. 94.2 kJ/mol D. 95.2 kJ/mol
3	Formation of ammonia from Nitrogen and hydrogen is an.	A. Exothermic reaction B. Endothermic reaction C. Both a and b D. No heat change
4	Industrially, ammonia is produced by which process.	A. Halogenation B. Solvay process C. Haber Process D. Hydrogenation
5	At what temperature, rate of ammonia formation and decomposition is the highest.	A. 200 °C B. 300 °C C. 400 °C D. 500 °C
6	Concentration of reactants and product at equilibrium remains unchanged if	A. Concentration of any reactant or product is not changed B. Temperature of the reaction is not changed C. Pressure or volume of the system is not changed D. All of the above are observed
7	When the rate of the forward reaction takes place at the rate of reverse reaction the composition of the reaction mixture remains constant. It is called.	A. Chemical Equilibrium B. Static equilibrium C. Both a and b D. None of the above
8	When system is at equilibrium state.	A. The rate of the forward and reverse reactions become equal B. The concentration of reactants and product becomes equal C. The opposing reactions stop D. The rate of the reverse reaction becomes very low
9	Which is true about the equilibrium state?	A. The forward reaction stops B. Both forward and reverse reactions stop C. Both forward and reverse reactions continue at the same rate D. The reverse reaction stops
10	Which of the following does not happen, when a system is at equilibrium state.	A. Reaction continues to occur in both the directions B. Concentration of reactants and products stop changing C. Forward and reverse reactions stop D. Forward and reverse rates become equal
11	The colour of hydrated cobalt(II) chloride solid is	A. White B. Black C. Blue D. Pink
12	The colour of anhydrous cobalt(II) chloride solid	A. White B. Black C. Pink D. Blue